

Pollution Presentation

30 points

To review information about water and air pollution, you and a partner are going to create a presentation (using Google Docs, which is similar to PowerPoint) to educate others about sources, types, impacts, and clean up of pollution. Half of the class will focus on water pollution while the other half will focus on air pollution. You may use your notes from class to help you.

It will be graded on the following criteria:

Information (20 points)

- You must include the following information somewhere in your presentation
 - Define pollution AND explain **sources** of pollution
 - Name and explain **types** of pollutants
 - Explain the **impact** pollutants have on humans and the environment
 - Explain ways the pollution is **treated** and/or how it can be **prevented**
- For more detail regarding what to include and where you can find this information in your notes, see the back of this sheet under the type of pollution assigned to you

Pictures (4 points)

- Include at least 4 pictures/diagrams in your presentation. These could include but are not limited to:
 - Pictures of the pollutants themselves
 - Pictures of places from which pollution is released
 - Pictures of the impact the pollution has on humans/environment
 - Diagrams of the treatment/clean up process
- Be sure to label/describe what the picture/diagram represents

Overall Presentation (6 points)

- Organization and Appearance
 - Your first slide should include the title of your presentation
 - Ex: water or air pollution
 - The presentation needs to be organized so that it is easy to read and logical to follow
 - Also, don't make the font too small or difficult to see/read
 - Use bullet points to outline important facts rather than writing paragraphs or random statements
- Color and Creativity
 - AFTER you have typed your information and included pictures, add color to the background to jazz up
 - Make the presentation your own by adding unique touches
- Eye Contact
 - You and your partner should rehearse your presentation so you know who is saying what and when
 - Make good eye contact with the class rather than reading word for word from the screen

WHAT SPECIFIC INFORMATION DO I NEED AND WHERE CAN I FIND IT IN MY NOTES?

Water Pollution

Definition of Pollution

- You can find a definition for pollution in general with your water pollution notes under the background section

Sources

- Examples of point **AND** nonpoint sources

Types

- Define/explain examples of **3** of the following
 - Chemical pollutants
 - Pathogens
 - Organic wastes
 - Sediments

Impact

- Explain the **8 step** sequence of eutrophication

Treatment/Prevention

- Explain how eutrophication can be combated by
 - Attacking the symptoms
 - Cutting down on nitrogen and phosphorus in water
- **OR** explain the **5 steps** outlining how pollutants are removed from sewage
- **OR** explain the **3 ways** to treat sludge

Air Pollution

Definition of Pollution

- You can also find a definition for air pollutants more specifically with your air pollution notes under its background section

Sources

- Examples of natural **AND** human sources

Types

- Define **AND** give examples of
 - Primary pollutants
 - Secondary pollutants
- **OR** define/explain the 2 types of smog **AND** acid precipitation

Impact

- Explain how air pollution affects **3** of the following
 - Human Health
 - Materials and Buildings
 - The Environment
 - The Greenhouse Effect
 - The Ozone Layer

Treatment/Prevention

- Explain the control strategies used to limit CFCs **AND** pollutants from motor vehicles
- **OR** explain the different legislation that has passed to control pollution